

Title	Form	Version	Reason for Issue	Effective Date
V1060 Vitashine 100,000iu/g Pdr PDS	ESB-030	2.0	New issue	07/07/2022

PRODUCT DATA SHEET

V1060: Vitashine 100,000iu/g Powder

Description

Vegan Vitashine Vitamin D3 powder consists of plant derived Vitamin D3 (cholecalciferol) within a microencapsulated powder matrix. Approved by UK Vegan Society and UK Vegetarian Society as a true plant source of Vitamin D3.

Product identification

Chemical name: (5Z,7E)-(3S)-9,10-secocholesta-5,7,10(19)-trien-3-ol; (5Z,7E)-9,10-secocholesta-5,7,10(19)-trien-3-ol

Synonyms: cholecalciferol; calciol; Vitamin D₃

CAS No.: 67-97-0 **EINECS No.:** 200-673-2

Empirical formula: C₂₇H₄₄O

Molecular mass: 384.65 g/mol

Country of Origin

UK

Composition

Maltodextrin, Gum Arabic, Medium Chain Triglyceride (Fractionated Coconut Oil), Antioxidants (D-α-Tocopherol, Ascorbic Acid), Cholecalciferol

All ingredients certified to contain no Genetically modified materials (complies to (EU) 1829/2003 and 1830/2003)

Specifications

Parameter	Specification	Method
Appearance	White to pale yellow powder	Visual
Particle Size	NLT 90% through 40#	USP 786
Bulk Density	0.4 - 0.7 g/ml	USP 616
Loss on Drying	NMT 5.0%	USP 731

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Analytical

Parameter	Specification	Method
Assay	90,000- 110,000iu/g	USP
Heavy Metals	NMT 10ppm	EN ISO 17294
Arsenic	NMT 0.2ppm	ICP
Lead	NMT 0.2ppm	ICP
Cadmium	NMT 0.2ppm	ICP
Mercury	NMT 0.1ppm	ICP

Microbiological

Parameter	Specification	Method
Total Plate Count	NMT 1000cfu/g	ISO 4833
Yeast & moulds	NMT 100cfu/g	ISO 7954
Coliform	NMT 10cfu/g	ISO 4832
E. Coli	Negative per g	ISO 16649
Salmonella	Negative per 25g	ISO 6579
Staphylococcus Aureus	Negative per g	ISO 6888

Stability and storage

V1060 Vitashine 100,000iu/g powder is sensitive to air, heat and light. The product may be stored for 30 months from the date of manufacture in the unopened original. The expiry date is printed on the label. Recommended storage temperature < 25°C. Once opened, use contents quickly and store below 4°C in an airtight container. The product may be transported at ambient conditions in the unopened original container.

Uses

Health supplements, Nutraceuticals, Food fortification source of Vitamin D3.
Not for medicinal use.

Safety

This product is safe for the intended use. Avoid ingestion or direct contact by applying suitable protective measures and personal hygiene. For full safety information and necessary precautions, please refer to the ESB Developments limited MSDS sheet.

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Regulatory Information

Vitashine is a rich source of Vitamin D3 (Cholecalciferol) derived from plant extract. The plant source plant material has been consumed within multiple European Union Countries for over 50 years.

Legal notice

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

Supplied by:

Company :

Emergency Telephone:
E-mail address:

ESB Developments Limited
Creation House
50-72 Gauntley Street
Nottingham
United Kingdom
+44 115 970 8338
info@esbdevelopments.co.uk